

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Peter Wierach ) Group Art Unit: 2834  
Application No. 09/982,426 ) Examiner: Mark O. Budd  
Filed: 10/18/2001 )  
For: *Electromechanical Functional Module* )  
*and Associated Process* ) Peoria, IL 61602-1241  
Attorney Docket No.: 64251-034 )

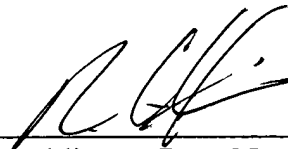
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FINANCE SECTION

STATEMENT UNDER 37 CFR 3.73(b)

The Assignee states that it is the assignee of the entire right, title and interest in the patent application identified above and in the executed Statement Under 37 CFR 3.73(b) attached. A chain of title from the inventor: Peter Wierach to the current assignee, DLR Deutsches Zentrum fuer Luft- und Raumfahrt e.V., was recorded in the United States Patent and Trademark Office at Reel 012279, Frame 0035 for which a copy thereof is attached.

Respectfully submitted,



Robert C. Haldiman, Reg. No. 45,437  
HUSCH & EPPENBERGER, LLC  
190 Carondelet Plaza, Suite 600  
St. Louis MO 63105  
(309) 637-4900

**EXPRESS MAIL CERTIFICATE OF MAILING (37 CFR 1.10)****Express Mail No.: EV 630758419 US**

Docket No.

64251-034

Applicant(s): Peter Wierach

Serial No.  
09/982,426Filing Date  
10/18/2001Examiner  
Mark O. BuddGroup Art  
2834

Title:

**ELECTROMECHANICAL FUNCTIONAL MODULE AND ASSOCIATED PROCESS**TO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Transmitted herewith is:

- ☒ Transmittal of Statement Under 37 CFR 3.73(b)  
☒ Statement Under 37 CFR 3.73(b)  
☒ Copy of Notice of Recordation  
☒ Postcard

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Signature

Dated: March 15, 2005

Robert C. Haldiman, #45,437  
Husch & Eppenger, LLC  
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309-637-4900  
309-637-4928 FAX

Customer No. 029493

I certify that the document and fee is being deposited on  
3-15-2005 with the U.S. Postal Service as  
Express Mail under 37 C.F.R. 1.10 and is addressed to the  
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Signature of Person Mailing Correspondence

Deborah Lane-Christian

Typed or Printed Name of Person Mailing Correspondence

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Assignee/Patent Owner: DLR Deutsches Zentrum fuer Luft- und Raumfahrt e.V.Application No./Patent No.: 09/982,426 Filed/Issue Date: 10/18/2001Entitled: ELECTROMECHANICAL FUNCTIONAL MODULE AND ASSOCIATED PROCESSDLR Deutsches Zentrum fuer Luft- und Raumfahrt e.V., a German company,

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012279, Frame 0035, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From \_\_\_\_\_ To: \_\_\_\_\_  
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3. From \_\_\_\_\_ To: \_\_\_\_\_  
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[ ] Additional documents in the chain of title are listed on a supplemental sheet.

- [ ] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

DLR Deutsches Zentrum fuer Luft- und Raumfahrt e.V. hereby consents and authorizes Husch & Eppenberger, LLC to communicate through, rely upon the instructions of, and accept payment from German Patent counsel, Gramm Lins & Partner GbR.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Köln, 03.03.2005

Date

Dr. Stefan BurauerIris Großmann

Typed or printed name

S. Burauer

Signature

AV-45/05AV 44/05

Title



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

JANUARY 07, 2002

PTAS

Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
www.uspto.gov

HUSCH & EPPENBERGER, PLLC  
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401 MAIN STREET, SUITE 1400  
PEORIA, IL 61602-1241



\*101887986A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/18/2001

REEL/FRAME: 012279/0035  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WIERACH, PETER

DOC DATE: 10/16/2001

ASSIGNEE: <sup>u</sup>  
DLR DEUTSCHES ZENTRUM FUER LUFT-  
UND RAUMFAHRT E.V.  
LINDER HOEHE  
KOELN, FED REP GERMANY D-51147

SERIAL NUMBER: 09982426  
PATENT NUMBER:

FILING DATE: 10/18/2001  
ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



10-29-2001



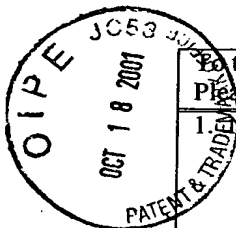
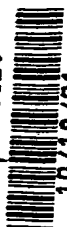
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DEPARTMENT OF COMMERCE  
Patent and Trademark Office

10/29/01 U.S. PTO

09/982426



To the Honorable Commissioner of Patents and Trademarks.

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Peter Wierach

Additional Names attached: [ ] Yes [X] No

3. Nature of Conveyance:

[X] Assignment

[ ] Security Agreement

[ ] Other

Execution Date(s): 16 October 2001

2. Name and Address of receiving party(ies):

Name: DLR Deutsches Zentrum fuer Luft- und Raumfahrt e.V.

Street: Linder Hoehe

City: Koeln Country: Germany

Zip: D-51147

Additional name(s) & addresses attached? NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application:

18 October 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? NO

Title of Invention: *Electromechanical Functional Module and Associated Process*

Attorney Docket No.: 64251-034

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert E. Muir, Esq.  
Husch & Eppenberger, LLC  
401 Main Street, Suite 1400  
Peoria, IL 61602-1241

7. Total fee (37 CFR § 3.41) \$40.00

[X] Enclosed

[ ] Authorized to be charged to deposit account

8. Deposit account number: 08-3460  
(If charged duplicate copy attached)

[X] Charge any underpayment

[X] Credit any overpayment

6. Total number of applications and patents involved:

1

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kevin M. Kercher, #33,408  
Name of Person Signing

*Kevin M. Kercher*  
Signature

18 October 2001  
Date

Total number of pages comprising cover sheet, attachments, and document: 2 + check

Mail document to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, DC 20231

10/25/2001 LHWELLER 00000175 09982426

01 424581

10/29/01

5-OXT-2001

**ASSIGNMENT**

WHEREAS, Peter Wierach, residing at Bad Harzburg, Germany, hereinafter referred to as ASSIGNOR, has invented a new and useful

**Electromechanical Functional Module and Associated Process**

for which ASSIGNOR is about to file an application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached Declaration and Power of Attorney executed by ASSIGNOR on 10/16/01; and

WHEREAS, DLR Deutsches Zentrum fuer Luft- und Raumfahrt e.V., a German company having a place of business at Koeln, Germany, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

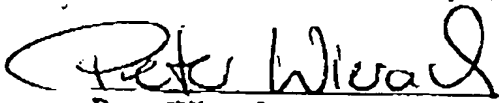
ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America, including any continuing application, re-examination, reissue or extension thereof, and covenants that ASSIGNOR has the full right to do so.

At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable and to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America.

ASSIGNOR hereby authorizes and requests the DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE to issue the United States Letters Patent on said invention, when granted, to DLR Deutsches Zentrum fuer Luft- und Raumfahrt e.V..

This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

  
Peter Wierach  
Goslarsche Strasse 6  
38667 Bad Harzburg  
Germany

10/16/01  
Date